I Claim

1. An improved balance shoe comprising a balance shoe housing for retaining a sash in a channel having a base section and at least one side section, wherein said housing employs a pivot member, and wherein said pivot member forces at least one side support member of said housing into contact with at least one side wall surface of a window jamb channel when said window is tilted.

2. The balance shoe of claim 1 wherein said balance shoe housing has a pivot member that has a generally oval head portion, said oval head portion forcing said support member outwardly as said oval head portion is turned.

3. The balance shoe according to claim 2 wherein said housing has an opening for receiving and retaining the pivot member, said pivot member being adapted to engage a pivot bar that is fixed to a window sash.

4. The balance shoe according to claim 3 wherein one or more guides direct the pivot bar to easily slide into pivot member.

5. The balance shoe according to claim 4 wherein an inner surface of the balance has a pair of receiving channels to permit a retaining arm of the side support member to move freely in a first direction.

6. The balance shoe according to claim 5 wherein the receiving channels are cut completely through the balance shoe.

7. The balance shoe according to claim 6 wherein the opening has a first ledge and a second ledge and said side support member rides along said first ledge and said pivot member is placed in said opening and the pivot member rests on second ledge.

8. The balance shoe according to claim 7 wherein there is a retaining means on a front outer surface of the shoe.

9. The balance shoe according to claim 8 wherein said retaining means guide said side support member when it is moving.